Southwest Products/US Bearing Division

As part of the continued evolution of the RBC Aerospace family of companies, we are pleased to announce that the Southwest Products/US Bearing Division of RBC Aerospace has attained accreditation to ISO9001:2008 and AS9100.

RBC Bearings acquired both US Bearing and Southwest Products, which we then merged into the Southwest Products/US Bearing Division of RBC Aerospace. Since the acquisition there has been a substantial investment in new equipment and the division has relocated to a recapitalized facility in Baldwin Park, CA. RBC Aerospace continues to be well positioned to build on its proud legacy of meeting the needs of commercial and military applications with niche bearing solutions.

Served Market Segments

- Commercial & Military Aircraft
- Ships & Submarines
- Tanks & Ground Vehicles
- Missiles
- Power Generation Plants

Product Families

- Custom lined Sphericals, Rod Ends & Journals (up to 16”)
- High Temperature Metal on Metal
- Split Ball Sphericals
- Solid & Welded Links
- Trunnions

SWP/USB has the capability to offer unique swaged bearing solutions, in addition to low friction liners and hard coat machining. This complements the precision machining, grinding, honing and lapping that have been our traditional core competencies.

Qualifications

SWP/USB holds a substantial number of OEM approvals and is proud to serve the Aerospace, Naval and Nuclear Markets. Our broad product offering is supported by a highly skilled and dedicated workforce with a continuing commitment to the highest levels of customer satisfaction.
RBC Bearings has been producing bearings in the USA since 1919. RBC offers a full line of aerospace bearings, including unique custom configurations.

### Spherical Bearings
- MS approved to AS81820 (formerly MIL-B-81820)
- Boeing and Airbus approved
- Self-lubricating
- Metal-to-Metal
- Loader slots
- High temperature
- Low coefficient of friction
- Special configurations and materials

### Rod End Bearings
- MS approved to AS81935 (formerly MIL-B-81935)
- Boeing and Airbus approved
- Self-lubricating • Metal-to-Metal
- Loader slots • High temperature
- Low coefficient of friction
- Special configurations and materials

### Cargo Roller Bearings
- Boeing approved
- Features precision ground, semi-ground, and unground ball bearings
- Offered in caged and full complement configurations

### Track Rollers
- MS approved to AS39901 (formerly MIL-B-3990)
- Boeing and Airbus approved
- ATF single row and ATL double row
- Sealed with lube holes and grooves
- Heavy duty cross sections
- Advanced AeroCres® materials available

### Airframe Control Ball Bearings
- MS approved to AS7949 (formerly MIL-B-7949)
- Boeing and Airbus approved
- Plain and flanged
- Self-lubricating
- High temperature
- High loads
- Available in inch and metric sizes

### Cam Followers
- MS approved to AS39901 (formerly MIL-B-3990)
- Advanced AeroCres® materials available
- Maximum corrosion resistance
- Superior lubricants and seals to reduce maintenance

### Load Slot Bearings
- Spherical and rod end designs
- Superior ball-to-race conformity
- Reduced maintenance cost
- Variety of race materials available
- Boeing approved

### Specials
- Many specialty bearings, custom-designed and configured for diverse aerospace applications
- Capability for advanced aerospace specialty corrosion resistant and high temperature materials

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This document contains a general overview of the products and features described herein. It is solely for informational purposes, does not represent a warranty of the information contained herein, and is not to be construed as an offer to sell or a solicitation to buy. Contact RBC Bearings for detailed information suitable to your specific applications. RBC Bearings reserves the right to modify its products and related product information at any time without prior notice. Some of the products listed herein may be covered by one or more issued and pending U.S. or foreign patents. Contact RBC Bearings for product specific information.